### 2014 Structure Summary Report

**Overall Unit and Item Ratings** 

## **DWR Sacramento Maintenance Yard**

## Cache Creek Settling Basin Weir And Drainage Structure

rall Unit Rating	Rated Item	Item Rating
Α	Photo Documentation	N
	Vegetation & Obstructions	А
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	Α
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	Α
	Flap Gates	Α
	Sluice/Slide Gates	Α
	Electric Gate Operators	N
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	N
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

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### 2014 Structure Summary Report

**Overall Unit and Item Ratings** 

# **DWR Sacramento Maintenance Yard (cont.)**

#### **Fremont Weir**

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	Α
	Safety	Α

Operation & Maintenance Manual

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### **2014 Structure Summary Report**

**Overall Unit and Item Ratings** 

# **DWR Sacramento Maintenance Yard (cont.)**

# **Knights Landing Outfall Structure**

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	N
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	Α
	Sluice/Slide Gates	N
	Electric Gate Operators	Α
	Manual Gate Operators	Α
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	N
	Concrete Foundations	Α
	Security Fencing	Α
	Closure Structures	Α
	Trash Rakes	N
	Other Metallic Items	Α
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

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### 2014 Structure Summary Report

**Overall Unit and Item Ratings** 

# **DWR Sacramento Maintenance Yard (cont.)**

#### **Paradise Dam**

erall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	М
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	N
	Concrete Tilting / Settlement	N
	Concrete Foundations	N
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	М
	Operation & Maintenance Manual	U

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### 2014 Structure Summary Report

**Overall Unit and Item Ratings** 

# **DWR Sacramento Maintenance Yard (cont.)**

#### Sacramento Weir

Overall Unit Rating	Rated Item	Item Rating			
M	Photo Documentation	N			
	Vegetation & Obstructions	А			
	Shoaling / Sedimentation	А			
	Erosion / Bank Caving	А			
	Revetments	N			
	Encroachments	A			
	Culverts: Inlets / Outlets	N			
	N				
	Metal Pipes				
	Trash Racks	N			
	Flap Gates	N			
	Sluice/Slide Gates	N			
	Electric Gate Operators	N			
	Manual Gate Operators	Α			
	Concrete Surfaces	A			
	Concrete Tilting / Settlement	N			
	Concrete Foundations	A			
	Security Fencing	A			
	Closure Structures	A			
	Trash Rakes	N			
	Other Metallic Items	А			
	Monolith Joints	N			
	Safety	A			

Operation & Maintenance Manual

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## **Unit Cover Sheet**

### **2014 Structure Inspection Results**

# **DWR Sacramento Maintenance Yard**

Structure
Cache Creek Settling Basin Weir And Drainage Structure

Structure Rating	Α
Date of Inspection	06/17/2014
DWR Inspector	John Williamson
Accompanied By	Ted Skidgel Sacramento Maintenance Yard

### **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

0.00	Rating **	N	Issue No.	24		
0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude			
Channels		Start		End		
Photo Documentation		38.68243	8 °	38.687317 °		
Item			-121.67292	٩ °	-121.673711 °	
DWR ID DWR_NA0055_12_t _ 2012_24						
Action/Comments						
	0.00 Structures Channels Photo Doo	0.00 Issue Type + Structures & Concrete I Channels Photo Documentation  DWR_NA0055_12_t _ 201:	0.00 Issue Type + Ma  Structures & Concrete Lined Channels  Photo Documentation  DWR_NA0055_12_t_2012_24	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS Lat           Start         Start           Photo Documentation         38.68243           -121.67292           DWR_NA0055_12_t _ 2012_24	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS Latitude           Photo Documentation         38.682438 °           -121.672924 °           DWR_NA0055_12_t _ 2012_24	

Inspector Comments: View of south end of the weir (38.682438, - 121.672924), north end of the weir (38.687317, -121.673711), top of the levee at the control structure (38.678487, -121.672944).



Looking from the north side down the weir during Summer 2014. (38.687317 -121.673711)

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



Looking from the south end of the weir during Summer 2014. (38.682438 -121.672924)

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		24 (cont)
LM End	0.00	Issue Type +	Ma	Location *		CR
Category	Structures & Concrete Lined			GPS La	atitud	le/Longitude
Calegory	Channels		Start		End	
Item	Photo Documentation		38.6824	38 °	38.687317 °	
item		-121.6729	24 °	-121.673711 °		
DWR ID	D DWR_NA0055_12_t _ 2012_24					
Action/Comments						
Inspector Comments: View of south end of the weir (38.682438, -						



View of the control structure on the crown during summer 2014.

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



View of the inlet structure and stop logs during Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



View of the outlet structure with control structure at the crown during Summer 2014.

\* Location LS : Land Side WS : Water Side CR : Crown \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

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### Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Vegetation & Obstructions		ons	38.68246	60°	38.687350 °	
item				-121.67293	30 °	-121.673740 °	
DWR ID	DWR_NA0	055_12_t _ 201	2_2				
	Action/Comments						
Inspector (	Comments	: Minimal, sca	attered o	bstructions	or v	egetation.	

No Photos

LM Start	0.00	Rating **	Α	Issue No.	3		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Shoaling / Sedimentation			38.6824	60°	38.687350	0
item				-121.6729	30°	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201	2_3				
Action/Comments							
Inspector (	Inspector Comments: No shoaling or sedimentation present.						

No Photos

LM Start	0.00	Rating **	Α	Issue No.	4			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Item	Erosion /	Bank Caving	38.6824	° 06	38.687350	0		
пеш			-121.6729	30°	-121.673740	0		
DWR ID	DWR_NA0	055_12_t _ 201	2_4					
		Action/	Comme	nts				
		: No active er verward side			g ob	served on the	÷	

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2014

#### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category Channels			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Revetmer	Revetments			0 °	38.687350	0
пеш				-121.67293	o°	-121.673740	0
DWR ID	DWR_NA0055_12_t _ 2012_5						
Action/Comments							

Inspector Comments: Existing riprap protection is properly maintained. Riprap is clearly visible and undamaged.

No Photos

LM Start 0.00 Rating \*\* Issue No. Issue Type + Location \* LM End 0.00 Ма CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels Encroachments 38.682460° 38.687350° Item -121.672930 ° -121.673740° DWR ID DWR\_NA0055\_12\_t \_ 2012\_6 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions is present within the project easement area.

No Photos

Rating \*\* Issue No. LM Start 0.00 0.00 Issue Type + Ma Location \* CR LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Start End Culverts: Inlets / Outlets 38.682460° 38.687350° Item -121.672930 ° -121.673740° DWR ID DWR NA0055 12 t 2012 7 Action/Comments

Inspector Comments: There is little or no debris, sediment or vegetation blocking the culverts, inlets, sump or discharge areas. The channel capacity for designed flow is not affected.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	8		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Culverts: Breaks / Holes /		38.68246	60°	38.687350 °		
пеш	Cracks			-121.67293	30 °	-121.673740 °	
DWR ID	DWR_NA0	055_12_t _ 201	2_8				
Action/Comments							
Inspector (	Comments	: There are no	o culvert	s at this stru	ıctu	re.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Metal Pipes			38.68246	60°	38.687350 °
пеш				-121.67293	30 °	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_9			
Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		10		
LM End	0.00	Issue Type +	Ма	Location *		CR		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trash Rad	cks	38.6824	60°	38.687350	0		
пеш				-121.6729	30°	-121.673740	0	
DWR ID	DWR_NA0	055_12_t _ 201	2_10					
		Action/	Comme	nts				
Inspector (		: Trash racks	are fast	ened in plac	ce a	nd properly		

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Flap Gates			38.68246	° 08	38.687350 °	
item				-121.67293	30 °	-121.673740 °	
DWR ID	DWR_NA0	055_12_t _ 201	2_11				
Action/Comments							
Inspector (	Comments	: Flap gates o	pen and	close easily	y wi	th minimal	

No Photos

LM Start	0.00	Rating **	Α	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Sluice/Slide Gates			38.68246	60°	38.687350 °	
Item				-121.67293	30°	-121.673740 °	
DWR ID	DWR_NA0	055_12_t _ 201	2_12				
Action/Comments							
Inspector (	Inspector Comments: Gates open and close freely and free of sediment						

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined				GPS La	atitud	le/Longitude
Calegory	Channels			Start		End
Item	Electric Gate Operators			38.6824	60 °	38.687350 °
item				-121.6729	30°	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_13			
Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

leakage.

and other obstructions.

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	14	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Manual Gate Operators			38.68246	60°	38.687350 °
пеш				-121.67293	30 °	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_14			
Action/Comments						
Inspector (	Comments	: The gates a	re tested	l once a yea	ır wi	th safety and

No Photos

LM Start	0.00	Rating **	Α	Issue No.	15	
LM End	0.00	Issue Type +	Ма	Location *	CR	
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Concrete Surfaces			38.68246	60°	38.687350 °
Item				-121.67293	30 °	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_15			
Action/Comments						
Inspector (	Comments	: Negligible s	oalling, s	caling or cra	acki	ng.

No Photos

	LM Start	0.00	Rating **	N	Issue No.		16	
	LM End	0.00	Issue Type +	Ma	Location *		CR	
	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
				Start		End		
	Item	Concrete Tilting / Settlement			38.6824	60°	38.687350	0
	item				-121.6729	30 °	-121.673740	0
	DWR ID	DWR_NA0	055_12_t _ 201	2_16				
	Action/Comments							
	Inspector Comments: This item does not apply to this inspection.							

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

dams.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Concrete Foundations			38.68246	60°	38.687350 °	
item				-121.67293	30 °	-121.673740 °	
DWR ID	DWR_NA0	055_12_t _ 201	2_17				
Action/Comments							
Inspector (	Inspector Comments: No scouring / erosion or undermining near the						

No Photos

LM Start	0.00	Rating **	Α	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels				Start End		
Item	Security F	encing		38.68246	° 0	38.687350	٥
пеш				-121.67293	° 0	-121.673740	٥
DWR ID	R ID DWR_NA0055_12_t _ 2012_18						
	Action/Comments						

No Photos

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.

LM Start	0.00	Rating **	N	Issue No.		19
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Closure Structures			38.6824	60°	38.687350 °
item				-121.6729	30 °	-121.673740 °
DWR ID	DWR_NA0	055_12_t _ 201	2_19			
Action/Comments						
Inspector (	Inspector Comments: This item does not apply to this inspection.					

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

structure.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		20	
LM End	0.00	Issue Type +	Ma	Location *		CR	
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Trash Rakes			38.68246	60°	38.687350 °	
item				-121.67293	30 °	-121.673740 °	
DWR ID	DWR ID DWR_NA0055_12_t _ 2012_20						
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Other Metallic Items			38.6824	60°	38.687350	0
item				-121.6729	30°	-121.673740	0
DWR ID	DWR_NA0	055_12_t _ 201	2_21				
Action/Comments							
Inspector Comments: This item does not apply to this inspection.							

No Photos

LM Start	0.00	Rating **	N	Issue No.		22			
LM End	0.00	Issue Type +	Ma	Location *	CR				
Category	Category Structures & Concrete Lined Channels								le/Longitude
Calegory				Start		End			
Item	Monolith Joints			38.6824	60°	38.687350 °			
item				-121.6729	30 °	-121.673740 °			
DWR ID	DWR_NA0	055_12_t _ 201	2_22						
Action/Comments									
Inspector Comments: This item does not apply to this inspection.									

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Cache Creek Settling Basin Weir And Drainage Structure		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.		23	
LM End	0.00	Issue Type +	Ma	Location *		CR	
Structures & Concrete Lined			GPS La	titud	e/Longitude		
Calegory	Channels			Start		End	
Item	Safety			38.6824	60°	38.687350	0
item				-121.6729	30 °	-121.673740	0
DWR ID DWR_NA0055_12_t _ 2012_23							
Action/Comments							

Inspector Comments: Safety hardware is installed and an adequate protection for fall hazards exist. No hazardous conditions exist that might affect the operation of the structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		1	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			Structures & Concrete Lined GPS Latitude/Longitude				
Calegory	Channels	annels				End	
Item	Operation & Maintenance			38.68243	8 °	38.687317 °	
item	Manual			-121.67292	4 °	-121.673711 °	
DWR ID	DWR_NA0	055_12_t _ 201	3_1				
	Action/Comments						
Inspector Comments: They have the O&M manual for unit 2 West Yolo bypass.							

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### **Unit Cover Sheet**

### **2014 Structure Inspection Results**

# **DWR Sacramento Maintenance Yard**

Structure	
Fremont Weir	

Structure Rating	M				
Date of Inspection	06/17/2014				
DWR Inspector	John Williamson				
Accompanied By	Ted Skidgel Sacramento Maintenance Yard				

### **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		24	
LM End	0.00	Issue Type +	Ма	Location *		CR	
Structures & Concrete Lined			GPS Lat	ituc	le/Longitude		
Calegory	Channels			Start		End	
Item	Photo Do	cumentation		38.75888	o °	38.764680 °	
пеш				-121.66538	°	-121.635430 °	
DWR ID DWR_NA0055_2_t _ 2012_24							
Action/Comments							

Inspector Comments: West end of the weir (38.758909, -121.665548), Fish ladder (38.764355, -121.646851), East end of the weir (38.764635, -121.635437).



A view looking from top of the eastside of the weir. Summer 2014 (38.764634, -121.635437)

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



Looking at the inlet of the fish ladder. Summer 2014 (38.764361, - 121.646868)

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	24 (cont)		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Photo Documentation			38.758880 °		38.764680	
item				-121.6653	80 °	-121.635430 '	
DWR ID	DWR ID DWR_NA0055_2_t _ 2012_24						
Action/Comments							
Inspector Comments: West end of the weir (38.758909, -121.665548),							

Photo 3 of 7 : ST_2014_NA0055_2_24_20140623_0000	9.jpg
a she	



Looking to the west from the fish ladder.Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



Looking to the east from the fish ladder. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



The view is from the west end of the weir. Summer 2014 (38.758909, - 121.665548)

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

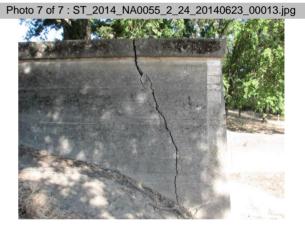
Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No. 24 (conf		24 (cont)	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Photo Documentation			38.7588	80 °	38.764680	
пеш				-121.6653	80 °	-121.635430	
DWR ID DWR_NA0055_2_t _ 2012_24							
Action/Comments							
Inspector Comments: West end of the weir (38.758909, -121.665548),							



Looking at the top wall the crack is about 1" wide. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



View of the crack runs down the entire wall. Summer 2014

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category			Start		End	
Item	Vegetation & Obstructions			38.75888	30 °	38.764680 °	
пеш	item			-121.665380 °		-121.635430 °	
DWR ID	DWR ID DWR_NA0055_2_t _ 2012_2						
Action/Comments							
Inspector (	Inspector Comments: Minimal, scattered obstructions or vegetation.						

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2014

#### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	3		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Shoaling /	Shoaling / Sedimentation			30°	38.764680 °	
пеш				-121.66538	30 °	-121.635430 °	
DWR ID DWR_NA0055_2_t _ 2012_3							
Action/Comments							
Inspector Comments: No shoaling or sedimentation present.							

No Photos

Issue No. LM Start 0.00 Rating \*\* Α 4 Issue Type + Ма Location \* CR 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 38.758880° 38.764680 ° Item -121.665380° -121.635430 ° DWR ID DWR\_NA0055\_2\_t \_ 2012\_4

Action/Comments

Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.

No Photos

Rating \*\* Issue No. LM Start 0.00 Issue Type + Ma Location \* CR LM End 0.00 Structures & Concrete Lined GPS Latitude/Longitude Category Channels Revetments 38.758880° 38.764680° Item -121.665380 ° -121.635430 ° DWR\_NA0055\_2\_t \_ 2012\_5 DWR ID

Action/Comments

Inspector Comments: Existing riprap protecttion is properly maintained and is undamaged. Riprap clearly visible.

No Photos

Location LS : Land Side WS: Water Side CR : Crown

Rating

A: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels Start		End				
Item	Encroach	ments		38.75888	0 °	38.764680	0
пеш				-121.66538	0 °	-121.635430	0
DWR ID	DWR_NA0	055_2_t _ 2012_6					
		Action/	Comme	nts			

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *		CR	
Structures & Concrete Lined Category Channels			Lined	GPS Latitude/Longitude			
Calegory	Channels	Start		End			
Item	Culverts: Inlets / Outlets			38.7588	80°	38.764680 °	
пеш				-121.6653	80 °	-121.635430 °	
DWR ID	DWR_NA0	055_2_t _ 2012	_7				
	Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *		CR	
Category		s & Concrete I	Lined	GPS La	atitud	le/Longitude	
Calegory	Channels			Start		End	
Item	Culverts: Breaks / Hole		s/	38.7588	80°	38.764680	0
пеш	Cracks			-121.6653	80 °	-121.635430	0
DWR ID	DWR_NA0	055_2_t _ 2012	_8				
		Action/	Comme	nts			
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	9		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category		& Concrete I	Lined	ned GPS Latitude/Longitude			
Category	Channels	annels Start		End			
Metal Pipes			38.758880 °		38.764680 °		
пеш					30 °	-121.635430 °	
DWR ID	DWR_NA0	055_2_t _ 2012	_9				
	Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insc	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		10	
LM End	0.00	Issue Type +	Ма	Location *		CR	
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Charmers			Start		End	
Item	Trash Racks			38.75888	30 °	38.764680 °	
пеш				-121.66538	30 °	-121.635430 °	
DWR ID	DWR_NA0	055_2_t _ 2012	_10				
	Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		11		
LM End	0.00	Issue Type +	Ma	Location *		CR		
Category Channels			Lined	GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Flap Gates				80°	38.764680	0	
item				-121.6653	80 °	-121.635430	0	
DWR ID	DWR_NA0	055_2_t _ 2012	_11					
		Action/	Comme	nts				
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.		

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2014

## **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Sluice/Slide Gates			38.75888	30°	38.764680 °	
пеш				-121.66538	30 °	-121.635430 °	
DWR ID	DWR_NA0	055_2_t _ 2012	_12				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this i	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		13	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			Lined	GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Electric Gate Operators		38.75888	° 0	38.764680 °		
пеш				-121.66538	° 0	-121.635430 °	
DWR ID	DWR_NA0	055_2_t _ 2012	_13				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this i	nsp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		14
LM End	0.00	Issue Type +	Ma	Location *		CR
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Manual Gate Operators		3	38.7588	80°	38.764680 °
item				-121.6653	80 °	-121.635430 °
DWR ID	DWR_NA0	055_2_t _ 2012	_14			
		Action/	Comme	nts		
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Structure 2014

#### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	15			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels	nnels Start		End				
Item	Concrete	Surfaces		38.75888	80 °	38.764680 °		
пеш				-121.66538	80 °	-121.635430 °		
DWR ID	DWR_NA0055_2_t _ 2012_15							
	Action/Comments							

Inspector Comments: Crack runs from the top to the bottom on the downstream side at the West end of the weir. The crack appears to be about 1" at the top of the wall and about 1/2" near the bottom. This does not affect the function of the weir. It is minor but needs to be

repaired. (see photo in photo documation)

No Photos

0.00 Rating \*\* Α Issue No. 16 LM Start LM End 0.00 Issue Type + Ма Location \* CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels Start End Concrete Tilting / Settlement 38.758880° 38.764680 -121.665380 ° -121.635430 DWR ID DWR\_NA0055\_2\_t \_ 2012\_16 Action/Comments

Inspector Comments: There are no significant areas of tilting, sliding or settlement that would endanger the integrity of the project.

No Photos

0.00 Rating \*\* Issue No. Α 17 LM Start Location \* LM End 0.00 Issue Type + Ma CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels Start End Concrete Foundations 38.758880° 38.764680° Item -121.665380 ° -121.635430 ° DWR\_NA0055\_2\_t \_ 2012\_17 Action/Comments

Inspector Comments: No scouring / erosion or undermining near the structure.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected 4/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	18			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory			Start		End			
Item	Security F	encing		38.75888	0 °	38.764680		
пеш				-121.66538	o°	-121.635430		
DWR ID	DWR_NA0055_2_t _ 2012_18							
	Action/Comments							

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.

No Photos

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category Changels			GPS Latitude/Longitude				
Channels		Start		End			
Item	Closure Structures			38.7588	80°	38.764680	0
пеш				-121.6653	80 °	-121.635430	0
DWR ID	DWR_NA0	055_2_t _ 2012	_19				
		Action/	Comme	nts			
Inspector (	Comments	: This item do	es not a	pply to this	insp	pection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	20			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory	Channels			Start E		End		
Item	Trash Rakes		38.75888	80 °	38.764680 °			
пеш				-121.66538	CR _atitude/Longitude	-121.635430 °		
DWR ID	DWR_NA0	055_2_t _ 2012	_20					
Action/Comments								
Inspector (	Comments	: This item do	es not a	pply to this i	nsc	ection.		

No Photos

\* Location LS: Land Side WS: Water Side CR: Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		21		
LM End	0.00	Issue Type +	Ma	Location *	CR			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
Calegory				Start		End		
Item	Other Met	Other Metallic Items		38.7588	80 °	38.764680 °		
пеш				-121.6653	80 °	-121.635430 °		
DWR ID	DWR_NA0	055_2_t _ 2012	_21					
Action/Comments								
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.		

No Photos

LM Start	0.00	Rating **	Α	Issue No.	22			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Category Channels			Start		End		
Item	Monolith .	Monolith Joints		38.7588	80 °	38.764680	0	
пеш				-121.6653	80 °	-121.635430	0	
DWR ID	DWR_NA0	055_2_t _ 2012	_22					
Action/Comments								
Inspector (	Comments	: The monolit	h joint m	aterial is in	goo	d condition.		

No Photos

LM Start	0.00	Rating **	Α	Issue No.	23			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined			GPS Latitude/Longitude					
Category	Channels			Start		End		
Item	Safety			38.75888	30 °	38.764680 °		
пеш				-121.66538	30 °	-121.635430 °		
DWR ID	DWR_NA0	055_2_t _ 2012	_23					
	Action/Comments							
Inspector (	Comments	: No hazardoi	us condit	tions that m	iaht	affect the		

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

operation of the structure.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Fremont Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	U	Issue No.	1			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory	Channels			Start		End		
Item	Operation & Maintenance			38.75890	9 °	38.764638 °		
пеш	Manual			-121.66554	38.758909 ° 38.76 121.665548 ° -121.63			
DWR ID	DWR_NA0	055_2_t _ 2013	_1					
Action/Comments								
Inspector (	Comments	: The yard ha	s a copy	of the O&M	Ma	anual		

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### **Unit Cover Sheet**

### **2014 Structure Inspection Results**

# **DWR Sacramento Maintenance Yard**

Structure	
Knights Landing Outfall Structure	

Structure Rating	Α
Date of Inspection	06/18/2014
DWR Inspector	John Williamson
Accompanied By	Ted Skidgel Sacramento Maintenance Yard

NA0055

#### Flood Control Project Maintenance Levee Inspections

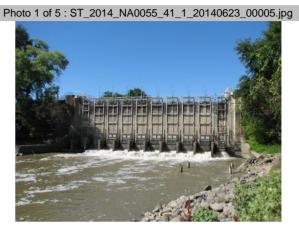
## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		1	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Lat	ituc	le/Longitude	
Category Channels			Start		End		
Item	Photo Documentation			38.79956	0 °	38.799320 °	
пеш				-121.72553	0 °	-121.724850 °	
DWR ID DWR_NA0055_41_t _ 2012_1							
Action/Comments							
Inspector (	Comments	· North and of	fetructur	·a· (38 70058	21	_	

Inspector Comments: North end of structure: (38.799581, - 121.725272). South end of structure (38.799254, -121.724824).



A current view of the outlet side of the structure with all open gates. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



A current view of the inlet side of the structure. Summer 2014

 LM Start
 0.00
 Rating \*\*
 N
 Issue No.
 1 (cont)

 LM End
 0.00
 Issue Type +
 Ma
 Location \*



A closeup of the flap gates on the structure. Summer 2014

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

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### **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		1 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS La	atitud	le/Longitude
Calegory	Channels			Start		End
Item	Photo Documentation			38.799560 °		38.799320 °
item				-121.7255	30 °	-121.724850 °
DWR ID	DWR_NA0	055_41_t _ 201	2_1			
Action/Comments						
Inspector Comments: North end of structure: (38.799581, -						



A view of the control room and tool room. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



A new landing has been established for clearing debris from the stop logs. Summer 2013

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Vegetation & Obstructions			38.79956	60°	38.799320 °	
item				-121.72553	30 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_2				
Action/Comments							
Inspector Comments: Minimal, scattered obstructions or vegetation.							

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS La	titud	le/Longitude	
Category	Channels			Start		End	
Item	Shoaling / Sedimentation				60°	38.799320 °	
пеш				-121.72553	30 °	-121.724850 °	
DWR ID DWR_NA0055_41_t _ 2012_3							
Action/Comments							
Inspector (	Comments	: No shoaling	or sedin	nentation pr	ese	nt.	

No Photos

0.00	Rating **	Α	Issue No.	4			
0.00	Issue Type +	Ma	Location *				
Category Structures & Concrete Lined Channels				titud	le/Longitude		
					End		
Erosion /	Bank Caving		38.79956	° 0	38.799320 °		
			-121.72553	° 0	-121.724850 °		
DWR ID DWR_NA0055_41_t _ 2012_4							
Action/Comments							
	0.00 Structures Channels Erosion /	0.00 Issue Type + Structures & Concrete I Channels Erosion / Bank Caving  DWR_NA0055_41_t _ 201:	0.00 Issue Type + Ma  Structures & Concrete Lined Channels  Erosion / Bank Caving  DWR_NA0055_41_t_2012_4	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS Late Start           Erosion / Bank Caving         38.79956           -121.72553           DWR_NA0055_41_t _ 2012_4	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS Latitude           Erosion / Bank Caving         38.799560 °           -121.725530 °           DWR_NA0055_41_t _ 2012_4		

No Photos

Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.

LM Start	0.00	Rating **	N	Issue No.		5	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	ategory Channels			Start		End	
Item	Revetments			38.7995	60°	38.799320 °	
item				-121.7255	30 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_5				
Action/Comments							
Inspector Comments: This item does not apply to this inspection.							

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	6		
LM End	0.00	Issue Type +	Ма	Location *			
Category		s & Concrete I	GPS Latitude/Longitude				
Calegory	Channels	Start		End			
Item	Encroach	Encroachments			° 08	38.799320	0
пеш				-121.72553	80 °	-121.724850	0
DWR ID	DWR_NA0	055_41_t _ 201	2_6				
	Action/Comments						

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

LM Start	0.00	Rating **	N	Issue No.		7	
LM End	0.00	Issue Type +	Ma	Location *			
Category			& Concrete Lined			le/Longitude	
Calegory	Channels		Start		End		
Item	Culverts: Inlets / Outlets			38.79956	60°	38.799320 °	
пеш				-121.72553	30 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_7				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	8			
LM End	0.00	Issue Type +	Ma	Location *				
Catagory	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	Channels			Start		End	
Itom	Culverts: Breaks / Holes / Cracks			38.7995	60°	38.799320	0	
ileiii (				-121.7255	30 °	-121.724850	0	
DWR ID	DWR_NA0	055_41_t _ 201	2_8					
Action/Comments								
Inspector Comments: This item does not apply to this inspection.								

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2014

## **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Metal Pipe	es	38.79956	0°	38.799320 °		
item				-121.72553	80 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_9			·	
	Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this i	nsp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Trash Rad	ash Racks			60°	38.799320 °	
item				-121.72553	30 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_10				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to the i	nsp	ection.	

No Photos

LM Start	0.00	Rating **	Α	Issue No.		11	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Flap Gates			38.79956	° 06	38.799320	0
пеш				-121.72553	30°	-121.724850	0
DWR ID	DWR_NA0055_41_t _ 2012_11						
Action/Comments							
Inspector (	Comments	: The structur	e was up	graded. Th	ere	are new flap	

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

gates on the structure.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	12		
LM End	0.00	Issue Type +	Ma	Location *			
Category		& Concrete I	& Concrete Lined		GPS Latitude/Longitude		
Calegory	Channels			Start		End	
Item	Sluice/Slice	Sluice/Slide Gates			60°	38.799320 °	
пеш					30 °	-121.724850 °	
DWR ID	DWR_NA0	055_41_t _ 201	2_12				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this	insc	ection.	

No Photos

LM Start	0.00	Rating **	Α	Issue No.		13	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Electric G	lectric Gate Operators			°	38.799320 °	
item				-121.72553	°	-121.724850 °	
DWR ID	DWR_NA0	DWR_NA0055_41_t _ 2012_13					
Action/Comments							
Inspector (	Comments	: The electrica	al gates	have been u	pgı	aded. There	

is a new controlboard and gates that were installed.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	14		
LM End	0.00 Issue Type + Ma			Location *			
Cotogoni		s & Concrete I	Lined	GPS La	titud	le/Longitude	
	Channels			Start		End	
Item	Manual G	ate Operators	3	38.7995	60°	38.799320	٥
item				-121.7255	30 °	-121.724850	0
DWR ID	DWR NA0055 41 t 2012 14						

No Photos

Action/Comments
Inspector Comments: All the gates, stems, and motors have been replaced. There is a new manual override system installed.

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	15		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start	End		
Item	Concrete Surfaces		38.79956	0°	38.799320 °		
				-121.72553	0°	-121.724850 °	
DWR ID	DWR_NA0055_41_t _ 2012_15						
Action/Comments							
Inspector Comments: All cracks on the wall surfaces have been							

No Photos

LM Start	0.00	Rating **	N	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude					
Calegory	Channels			Start		End	
Item	Concrete Tilting / Settlement			38.7995	60°	38.799320	0
				-121.7255	30°	-121.724850	0
DWR ID	VR ID DWR_NA0055_41_t _ 2012_16						
Action/Comments							
Inspector Comments: This item does not apply to this inspection.							

No Photos

LM Start	0.00	Rating **	Α	Issue No.	17		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
	Channels		Start		End		
Item	Concrete Foundations		38.7995	60°	38.799320	0	
			-121.7255	30 °	-121.724850	0	
DWR ID	DWR_NA0055_41_t _ 2012_17						
		Action/	Comme	nts			
Inspector	Comments	: No scouring	/ erosio	n or undern	ninin	ng near the	

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

repaired.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Structure 2014

#### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Security Fencing		38.79956	0 °	38.799320 °		
Item				-121.72553	0 °	-121.724850 °	
DWR ID	DWR_NA0	WR_NA0055_41_t _ 2012_18					
	Action/Comments						

Inspector Comments: Safety / security fencing is in good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal parts.

No Photos

0.00 Rating \*\* Issue No. LM Start 19 Location \* LM End 0.00 Issue Type + Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Closure Structures 38.799560° 38.799320 Item -121.725530 ° -121.724850 ° DWR\_NA0055\_41\_t \_ 2012\_19 DWR ID Action/Comments

Inspector Comments: Closure structure is in good condition. Placing equipment, stop logs, and other materials are readily available at all times. Components of closure are clearly marked and installation instructions / procedures are readily available

LM Start	0.00	Rating **	N	Issue No.		20
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	tituc	le/Longitude	
Calegory	Channels		Start		End	
Item	Trash Rakes		38.79956	60°	38.799320°	
item				-121.72553	30 °	-121.724850 °
DWR ID	DWR ID DWR_NA0055_41_t _ 2012_20					
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

No Photos

Location LS : Land Side WS: Water Side CR : Crown

\* Rating

A: Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.		21
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Other Me	Other Metallic Items			o °	38.799320 °
пеш					°	-121.724850 °
DWR ID	DWR_NA0	055_41_t _ 201	3_21			
Action/Comments						

Inspector Comments: All metallic items have been replaced or protected in 2012-2013.

No Photos

Rating \*\* LM Start 0.00 Issue No. 22 Location \* LM End 0.00 Issue Type + Ма Structures & Concrete Lined GPS Latitude/Longitude Category Channels 38.799320° Monolith Joints 38.799560° Item -121.725530° -121.724850 ° DWR ID DWR\_NA0055\_41\_t \_ 2012\_22 Action/Comments Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ma	Location *			
Catagory	Structures & Concrete Lined Channels		e Lined GPS Latitude/Longitude			le/Longitude	
Calegory			Start		End		
Item	Safety		38.7995	60°	38.799320	0	
пеш	iem –		-121.7255	30 °	-121.724850	0	
DWR ID DWR_NA0055_41_t _ 2012_23							
Action/Comments							

Inspector Comments: Safety hardware installed. Adequate protection for fall hazards exist. No hazardous conditions that might affect the operation of the structure exist.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Knights Landing Outfall Structure		06/18/2014 06/18/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Operation & Maintenance			38.7995	60°	38.799320 °
Item	Manual	Manual			30 °	-121.724850 °
DWR ID DWR_NA0055_41_t _ 2013_24						
Action/Comments						
Inspector (	Inspector Comments: The yard has the manuals for this structure.					

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

#### Flood Control Project Maintenance

### **Unit Cover Sheet**

### **2014 Structure Inspection Results**

# **DWR Sacramento Maintenance Yard**

Structure	
Paradise Dam	

Structure Rating	М
Date of Inspection	06/19/2014
DWR Inspector	John Williamson
Accompanied By	Dave Williams Sacramento Maintenance Yard

# **Levee Inspection Report By Mile - Structure 2014**

# **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

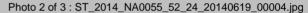
LM Start	0.00	Rating **	N	Issue No.		24
LM End	0.00	Issue Type +	Ма	Location *	CR	
Catagony	Structures & Concrete Lined Channels			GPS La	tituc	le/Longitude
Calegory				Start		End
Item	Photo Do	Photo Documentation			3 °	37.760713 °
пеш					50 °	-121.309550 °
DWR ID DWR_NA0055_52_t _ 2012_24						
Action/Comments						
		0 11 1				

Inspector Comments: On the levee crown right bank of the dam. (37.760635, -121.309542)



Cable sticking out from the dam and could be a hazard. The cables have been cut off to the surface of the dam. (photo taken 2013) Small pieces of wire cable left sticking out of surface. (Inspection 2014.)

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR





The photo is of the backside looking towards river. Summer 2014 Photo 3 of 3: ST\_2014\_NA0055\_52\_24\_20140619\_00005.jpg

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



Looking across the dam and the vegetation on the river side of the dam. Summer 2014

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected VW : Acceptable but Monitor & Maintain

+ Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	М	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined				GPS La	titud	le/Longitude	
Calegory	Channels			Start		End	
Item	Vegetatio	Vegetation & Obstructions			84 °	37.760584 °	
Item				-121.3094	50 °	-121.309450 °	
DWR ID DWR_NA0055_52_t _ 2012_2							
Action/Comments							
Inspector (	Inspector Comments: Vegetation growth (such as dense vegetation						

No Photos

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS La	titu	de/Longitude	
Calegory	Channels			Start		End	
Item	Shoaling /	Shoaling / Sedimentation			34 °	37.760584 °	
item				-121.30945	50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_3				
Action/Comments							
Inspector (	Inspector Comments: No shoaling or sedimentation present.						

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS La	tituc	le/Longitude	
Calegory	Channels	Channels				End	
Item	Erosion /	Bank Caving	37.76058	4 °	37.760584 °		
пеш				-121.30945	0°	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_4				
	Action/Comments						
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the levee.							

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Revetmer	nts		37.76058	4 °	37.760584	0
пеш				-121.30945	o °	-121.309450	0
DWR ID	DWR_NA0055_52_t _ 2012_5						
Action/Comments							

Inspector Comments: Existing riprap protecttion is properly maintained and is undamaged. Riprap clearly visible.

No Photos

Rating \*\* Issue No. LM Start 0.00 Location \* LM End 0.00 Issue Type + Ма CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels 37.760584° Encroachments 37.760584° Item -121.309450 ° -121.309450 ° DWR ID DWR\_NA0055\_52\_t \_ 2012\_6 Action/Comments

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

No Photos

LM Start	0.00	Rating **	N	Issue No.	7			
LM End	0.00	Issue Type +	Ma	Location *		CR		
Category	Structures & Concrete Lined			GPS La	atitud	de/Longitude		
Category	Channels			Start		End		
Item	Culverts: Inlets / Outlets			37.7605	84 °	37.760584	0	
Item				-121.3094	50°	-121.309450	0	
DWR ID	DWR ID DWR_NA0055_52_t _ 2012_7							
	Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.							

No Photos

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category	& Concrete I	GPS Latitude/Longitude					
Calegory	Channels			Start		End	
Item		Culverts: Breaks / Holes /			84 °	37.760584 °	
пеш	Cracks			-121.3094	50 °	-121.309450 °	
DWR ID	/R ID						
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Metal Pip	Metal Pipes			34 °	37.760584 °	
пеш				-121.30945	50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_9				
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category Channels			GPS La	titud	le/Longitude		
Channels		Start		End			
Item	Trash Rad	rash Racks		37.7605	84 °	37.760584 °	
item				-121.3094	50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_10				
Action/Comments							
Inspector	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Item	Flap Gates		37.76058	34 °	37.760584 °		
пеш				-121.3094	50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_11				
	Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start         0.00         Rating **         N         Issue No.         12           LM End         0.00         Issue Type +         Ma         Location *         CR           Category           Structures & Concrete Lined Channels         GPS Latitude/Longitude           Start         End           37.760584 °         37.760584 °           -121.309450 °         -121.309450 °           DWR ID         DWR_NA0055_52_t _ 2012_12           Action/Comments           Inspector Comments: This item does not apply to this inspection.								
Category   Structures & Concrete Lined   GPS Latitude/Longitude	LM Start	0.00	Rating **	N	Issue No.	12		
Category         Channels         Start         End           Item         Sluice/Slide Gates         37.760584 ° 37.760584 ° -121.309450 ° -121.309450 °           DWR ID         DWR_NA0055_52_t _ 2012_12           Action/Comments	LM End	0.00	Issue Type +	Ma	Location *	CR		
Start   End	Catagory			GPS Latitude/Longitude				
Item	Calegory	Channels			Start		End	
-121.309450   °   -121.309450   °   DWR_NA0055_52_t _ 2012_12			37.7605	84 °	37.760584	0		
Action/Comments	пеш				-121.3094	50 °	-121.309450	0
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DWR ID	DWR_NA0	055_52_t _ 201	2_12				
Inspector Comments: This item does not apply to this inspection.	Action/Comments							
	Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS La	titud	le/Longitude		
Channels						End	
Item	Electric Gate Operators			37.7605	84 °	37.760584 °	
пеш			-121.3094	50 °	-121.309450 °		
DWR ID	DWR_NA0	055_52_t _ 201	2_13				
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	14		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Channels		Start		End			
Manual Gate Operators		37.76058	34 °	37.760584 °			
пеш				-121.30945	50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_14				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	15		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Channels		Start		End			
Concrete Surfaces		37.76058	4 °	37.760584 °			
пеш				-121.30945	0 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_15				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to the ir	nsp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	16		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	hannels				End	
Item	Concrete Tilting / Settlement			37.76058	34 °	37.760584°	
item					50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_16				
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	.,		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude				
			Start		End		
Concrete Foundations			37.7605	84 °	37.760584 °		
item				-121.3094	50 °	-121.309450 °	
DWR ID	DWR_NA0	055_52_t _ 201	2_17				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Security Fencing		37.7605	84 °	37.760584	0		
item				-121.3094	50 °	-121.309450	0
DWR ID	DWR_NA0	055_52_t _ 201	2_18				
Action/Comments							
Inspector Comments: This item does not apply to this inspection.							

No Photos

LM Start	0.00	Rating **	N	Issue No.	19	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Category Channels		Start		End	
Item	Closure Structures		37.760584 °		37.760584 °	
item				-121.3094	50 °	-121.309450 °
DWR ID	DWR_NA0	055_52_t _ 201	2_19			
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		20	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Itom	Item Trash Rakes			37.760584°		37.760584 °	
пеш				-121.3094	50 °	-121.309450 °	
DWR ID DWR_NA0055_52_t _ 2012_20							
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	21			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Structures & Concrete Lined			GPS La	atitud	le/Longitude			
Calegory	Channels		Start		End			
Itom	Other Metallic Items		37.7605	84 °	37.760584	0		
пеш				-121.3094	50 °	-121.309450	0	
DWR ID	DWR ID DWR_NA0055_52_t _ 2012_21							
Action/Comments								
Inspector (	Inspector Comments: This item does not apply to this inspection.							

No Photos

LM Start	0.00	Rating **	N	Issue No.		22
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Category		Start		End		
Monolith Joints				37.760584°		37.760584 °
item				-121.3094	50 °	-121.309450 °
DWR ID	DWR_NA0	055_52_t _ 201	2_22			
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Paradise Dam		06/19/2014 06/19/2014	John Williamson

LM Start	0.00	Rating **	М	Issue No.	23		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			GPS Lat	tituc	le/Longitude		
Category	Channels			Start		End	
Item	Safety			37.76058	4 °	37.760584	0
пеш				-121.30945	0 °	-121.309450	0
DWR ID	R ID DWR_NA0055_52_t _ 2012_23						
Action/Comments							

Inspector Comments: Minor safety hazards are present, but do not pose an immediate threat to the structure or personnel at the structure. There are exposed, rusted cable and the rip rap that backs up the old dam is very hard to walk on.

No Photos

LM Start	0.00	Rating **	U	Issue No.	1		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Operation & Maintenance			37.76058	84 °	37.760584	0
item	Manual			-121.30945	60°	-121.309450	0
DWR ID	DWR_NA0	055_52_t _ 201	3_1				
Action/Comments							
Inspector Comments: There is no O&M Manual for this structure.							

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

#### Flood Control Project Maintenance

### **Unit Cover Sheet**

### **2014 Structure Inspection Results**

# **DWR Sacramento Maintenance Yard**

Struct	ıre
Sacramen	to Weir

Structure Rating	М
Date of Inspection	06/17/2014
DWR Inspector	John Williamson
Accompanied By	Casey Lund Sacramento Maintenance Yard

### Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	24		
LM End	0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			GPS La	tituc	le/Longitude		
Calegory	Category Channels			Start		End	
Item	Photo Do	cumentation		38.60712	° 0	38.607120 °	
пеш				-121.56010	0 °	-121.560100 °	
DWR ID	WR ID DWR_NA0055_1_t _ 2012_24						
Action/Comments							
Action/Comments							

Inspector Comments: South end of the weir bay #48 38.602812 -121. 555783, North end of the weir bay #1 38.607156 -121.560092



A current view of the inlet side of the structure. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



Looking from the northside of bypass. A view of the outlet side. Summer 2014 (38.607156 -121.560092)

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



The view of the outlet side is from the southside of the bypass. Summer 2014 (38.60281  $\,$  -121.555783)

\* Location LS: Land Side WS: Water Side CR: Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected vW : Acceptable but Monitor & Maintain

+ Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	24 (cont)	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category Structures & Concrete Lined Channels			GPS La	tituc	le/Longitude	
			Start		End	
Item	Photo Do	cumentation		38.607120 °		38.607120 °
item				-121.56010	00°	-121.560100 °
DWR ID	DWR_NA0	055_1_t _ 2012	_24			
Action/Comments						
Inspector (	Comments	: South end o	f the wei	r bay #48 3	8.60	02812 -121.



(Bay 14) Rebar is exposed on the defusion wall. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



(Bay 12) A small amout of scouring at the base of the wall. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



(Bay11) A small amout of scouring at the base of the wall. Summer 2014

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

NA0055

#### Flood Control Project Maintenance Levee Inspections

### Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	24 (cont)	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category Structures & Concrete Lined Channels			GPS La	tituc	le/Longitude	
			Start		End	
Item	Photo Do	cumentation		38.607120 °		38.607120 °
item				-121.56010	00°	-121.560100 °
DWR ID	DWR_NA0	055_1_t _ 2012	_24			
Action/Comments						
Inspector (	Comments	: South end o	f the wei	r bay #48 3	8.60	02812 -121.



(Bay 6) Scouring on the defusion wall. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



(Bay3) Some rebar is exposed. Summer 2014

LM Start	0.00	Rating **	N	Issue No.	24 (cont)
LM End	0.00	Issue Type +	Ma	Location *	CR



(Bay1) Small cracking and rebar is exposed. Summer 2014

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels			Start		End	
Item	Vegetatio	n & Obstruction	ons	38.60712	20 °	38.607120	
пеш				-121.56010	00 °	-121.560100	
DWR ID	DWR_NA0	055_1_t _ 2012	_2				
Action/Comments							
Inspector (	Comments	: Minimal, sca	attered o	bstructions	or v	egetation.	

No Photos

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Structures & Concrete Lined			GPS La	tituc	de/Longitude		
Category	Channels			Start		End	
Item	Shoaling / Sedimentation			38.60712	20°	38.607120 °	
item				-121.56010	00 °	-121.560100 °	
DWR ID	DWR_NA0	055_1_t _ 2012	_3				
Action/Comments							
Inspector (	Comments	: No sedimen	tation pro	esent.			

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Erosion / Bank Caving			38.60712	20°	38.607120	0
пеш				-121.56010	° 00	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012	_4				
Action/Comments							
Inspector Comments: No active erosion or bank caving observed on the landward or on the riverward side of the structure.							

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		5
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined			GPS Latitude/Longitude			
Channels			Start		End	
Item	Revetments			38.60712	20 °	38.607120 °
пеш				-121.56010	00°	-121.560100 °
DWR ID DWR_NA0055_1_t _ 2012_5						
Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insc	ection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Encroachments			38.60712	° 0	38.607120	
пеш			-1		0°	-121.560100	
DWR ID	R ID DWR_NA0055_1_t _ 2012_6						
	Action/Comments						

No Photos

Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.

Item								
Category   Channels   Culverts: Inlets / Outlets   Culverts: Inlets / Ou	LM Start	0.00	Rating **	N	Issue No.	7		
Category         Channels         Start         End           Item         Culverts: Inlets / Outlets         38.607120 ° 38.607120 ° -121.560100 ° -121.560100           DWR ID         DWR_NA0055_1_t _ 2012_7	LM End	0.00	Issue Type +	Ма	Location *	CR		
Chairles   Start   End	Catagory			GPS Latitude/Longitude				
Tem   -121.560100   -121.560	Channels		S		Start		End	
DWR ID DWR_NA0055_1_t _ 2012_7	Itom				38.6071	20 °	38.607120	0
= = =	пеш					00 °	-121.560100	0
Action/Comments	DWR ID	DWR_NA	0055_1_t _ 2012	_7				
Action/Comments								
Inspector Comments: This item does not apply to this inspection.	Inspector (							

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Structure 2014

# **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined				GPS La	titud	le/Longitude	
Calegory	Category			Start		End	
Item	Culverts: Breaks / Holes /			38.60712	20 °	38.607120 °	
пеш	Cracks			-121.56010	00°	-121.560100 °	
DWR ID	DWR ID DWR_NA0055_1_t _ 2012_8					·	
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		9	
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS Latitude/Longitude				
Channels		Start		End			
Item	Metal Pipes			38.6071	20 °	38.607120	0
item			-121.5601	00 °	-121.560100	0	
DWR ID	DWR_NA0	055_1_t _ 2012	_9				
Action/Comments							
Inspector (	Comments	: This item do	es not a	pply to this	insp	ection.	

No Photos

LM Start	0.00	Rating **	N	Issue No.		10
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Channels		Start		End		
Trash Racks			38.6071	20°	38.607120 °	
пеш				-121.5601	° 00	-121.560100 °
DWR ID	DWR_NA0	055_1_t _ 2012	_10			
Action/Comments						
Inspector	Comments	: This item do	es not a	pply to this	insp	ection.

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Structure 2014

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.		11
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Flap Gates			38.607120 °		38.607120 °
пеш				-121.5601	00 °	-121.560100 °
DWR ID	DWR ID DWR_NA0055_1_t _ 2012_11					
Action/Comments						
Inspector (	Comments	: This item do	es not a	pply to this	insc	ection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	12		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS La	atitud	le/Longitude		
Calegory	Channels			Start		End	
Item	Sluice/Slide Gates			38.6071	20 °	38.607120	0
пеш				-121.5601	00 °	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012	_12				
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

LM Start	0.00	Rating **	N	Issue No.		13
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined				GPS La	atitud	e/Longitude
Category	Channels			Start		End
Item	Electric Gate Operators			38.6071	20°	38.607120 °
item				-121.5601	00 °	-121.560100 °
DWR ID	DWR_NA0	055_1_t _ 2012	_13			
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

\* Location LS : Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

# Levee Inspection Report By Mile - Structure 2014

#### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	14			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Category	Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory					End			
Item	Manual G	ate Operators	<b>;</b>	38.60712	° 02	38.607120	0	
пеш				-121.56010	00°	-121.560100	0	
DWR ID	DWR_NA0055_1_t _ 2012_14							
	Action/Comments							

Inspector Comments: All manual gate operators are in good working condition.

No Photos

LM Start 0.00 Rating \*\* Issue No. 15 Issue Type + Location \* LM End 0.00 Ма CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Surfaces 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR\_NA0055\_1\_t \_ 2012\_15 Action/Comments

Inspector Comments: Spalling, scaling, and open cracking present, but the immediate integrity or performance of the structure is not threatened. Reinforcing steel is exposed. Sacramento Maintenance has done a great job in repairing the concrete surfaces. Some minor repairs are left to be done(see photos).

No Photos

0.00 Rating \*\* Issue No. Ν 16 LM Start Location \* LM End 0.00 Issue Type + Ma CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels Start End Concrete Tilting / Settlement 38.607120° 38.607120° Item -121.560100 ° -121.560100 ° **DWR ID** DWR\_NA0055\_1\_t \_ 2012\_16 Action/Comments Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR: Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected 4/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# Levee Inspection Report By Mile - Structure 2014

#### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	17			
LM End	0.00	Issue Type +	Ma	Location *	CR			
Category	Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels		Start		End			
Item	Concrete	Foundations		38.60712	20°	38.607120 °		
пеш				-121.56010	00°	-121.560100 °		
DWR ID	DWR_NA0055_1_t _ 2012_17							
	Action/Comments							

Inspector Comments: No scouring / erosion or undermining near the structure.

No Photos

LM Start 0.00 Rating \*\* Issue No. 18 Location \* LM End 0.00 Issue Type + Ма CR Structures & Concrete Lined GPS Latitude/Longitude Category Channels 38.607120° Security Fencing 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR\_NA0055\_1\_t \_ 2012\_18 Action/Comments

Inspector Comments: Safety / security fencing is good condition and provides protection against falling or unauthorized access. Gates open and close freely, locks are in place, and there is little corrosion on metal

No Photos

LM Start	0.00	Rating **	Α	Issue No.	19	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Structures & Concrete Lined			GPS La	tituc	le/Longitude	
Calegory	Channels			Start		End
Item	Closure S	tructures		38.60712	20°	38.607120 °
item				-121.56010	00°	-121.560100 °
DWR ID	DWR_NA0	055_1_t _ 2012	_19			
Action/Comments						
Inspector (	nspector Comments: Closure structure in good repair.					

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *	CR	
Category	& Concrete I	Lined	GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Trash Rakes			38.60712	20 °	38.607120 °
Item				-121.56010	00°	-121.560100 °
DWR ID	DWR_NA0	055_1_t _ 2012	_20			
Action/Comments						
Inspector Comments: This item does not apply to this inspection.						

No Photos

Issue No. LM Start 0.00 Rating \*\* Α 21 Issue Type + Ма Location \* CR 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Other Metallic Items 38.607120 ° 38.607120° Item -121.560100 ° -121.560100 ° DWR ID DWR\_NA0055\_1\_t \_ 2012\_21

No Photos

Action/Comments
Inspector Comments: All metal parts are protected from corrosion damage, and show no rust or deterioration that would cause a safety concern.

LM Start	0.00	Rating **	N	Issue No.	22		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Structures & Concrete Lined			GPS La	atitud	le/Longitude		
Calegory	Category Channels			Start		End	
Item	Monolith Joints			38.6071	20 °	38.607120	0
пеш				-121.5601	° 00	-121.560100	0
DWR ID	DWR_NA0	055_1_t _ 2012	_22				
Action/Comments							
Inspector (	Inspector Comments: This item does not apply to this inspection.						

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

# **Levee Inspection Report By Mile - Structure 2014**

### **DWR Sacramento Maintenance Yard**

Structure	Structure Length	Inspection Start/End	Inspector
Sacramento Weir		06/17/2014 06/17/2014	John Williamson

LM Start	0.00	Rating **	Α	Issue No.	23		
LM End	0.00	Issue Type +	Ma	Location *	CR		
Category	Structures & Concrete Lined				tituc	le/Longitude	
Calegory	Channels		Start		End		
Item	Safety			38.60712	20°	38.607120 °	
пеш				-121.56010	00°	-121.560100 °	
DWR ID	R ID DWR_NA0055_1_t _ 2012_23						
Action/Comments							

Inspector Comments: All safety equipment is stored at the Sacramento Maintenance Yard.

No Photos

LM Start	0.00	Rating **	U	Issue No.		1	
LM End	0.00	Issue Type +	Ма	Location *	CR		
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Operation & Maintenance			38.60712	° 02	38.607120 °	
пеш	Manual		-121.56010	00°	-121.560100 °		
DWR ID	DWR_NA0055_1_t _ 2013_1						
Action/Comments							
Inspector Comments: The O&M Manual that is applicable to this							

Inspector Comments: The O&M Manual that is applicable to this structure needs to be determined; it may be RD 537's O&M Manual.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence